FUTURES

Index to Volume 21

No 1 February 1989 No 4 August 1989
No 2 April 1989 No 5 October 1989
No 3 June 1989 No 6 December 1989

Articles

Accountability and the debt crisis, *Turid Sato*, 21.6, 593–607
Changes in economic management systems in Hungary and other East European countries, *Tamas Meszaros*, 21.6, 632–639
China's economic reforms and the global economy, *Fang Kai Bin* and *Wang Xin Hua*, 21.6, 628–631
Confessions of a corporate revolutionary (Viewpoint), *William E. Halal*, 21.2, 188–198
Creative instability: source of inspiration for a new world (Report), *Bertrand Schneider*, 21.2, 199–200
Crisis and challenge: science and technology in the future of Latin America, *Francisco R. Sagasti*, 21.2, 161–168
Driving forces and barriers to a sustainable global economy, *Michael Marien*, 21.6, 563–570
An epistemology for the futures field: problems and possibilities of prediction, *Wendell Bell* and *Jeffrey K. Olick*, 21.2, 115–135
Ethical economics: a new paradigm for global justice and stewardship, *Robert D. Hamrin*, 21.6, 608–618
Europe 1992: the dream and the reality (Viewpoint), *Michel Godet*, 21.2, 183–187
Europe's ageing population: trends and challenges to 2025, *Hugues de Jouvenel*, 21.3 (Supplement), S1–S54
Expert systems and women's lives: a technological assessment, *Margaret Bruce* and *Alison Adam*, 21.5, 480–497
Forecasting our environmental future (And that was the future. . .), *Stanley R. J. Woodell*, 21.6, 647–658
Future information cities: Japan's vision, *Anthony Newstead*, 21.3, 263–276
The future of Chinese culture, *Richard J. Smith*, 21.5, 431–446
The future of futures conferences, responses (Letters to the editor), *Allen Tough*, *Eleonora Barbieri Masini*, 21.3, 293–295
The future of futures studies: a European view, *Eleonora Barbieri Masini*, 21.2, 152–160
The future of futurists: what matters and what works (Essay), *Harlan Cleveland*, 21.4, 390–396
Futures consciousness: technology–society nexus and varying perceptions of the future (Essay), *Satish C. Seth*, 21.5, 508–513
Futures, futuribles, previsions, *Prognosen* (And that was the future. . .) *I.F. Clarke*, 21.4, 378–389
The futures of development (Conference report), *Qin Linzheng*, 21.1, 94–97
High temperature superconductivity: prospects and policies, *G. J. Smith*, *J. A. Alexander*, *A. B. Buyrn* and *J. A. Alic*, 21.3, 235–248
How women may shape the future (Conference report) *Janice Jones*, 21.1, 97–99
The human shore (Short story), *Pamela Sargent*, 21.1, 24–32
Influence of the East on the cultural renewal of the West (Highlight on culture), *Bart van Steenbergen*, 21.4, 371–377
Information, fairness and the status of women, *Harlan Cleveland*, 21.1, 33–37
In praise of women and sufferings, *Mochtar Lubis*, 21.1, 66–71
Japan's fifth generation computer project: successes and failures (Report), *Michael Cross*, 21.4, 401–403
Japan's role in a post-Fordist age, *Martin Kenney* and *Richard Florida*, 21.2, 136–151
Making the impossible possible: IIASA 15 years on (Report), *David Collingridge*, 21.2, 201–203
Masculinity and its discontents, *Ian Miles*, 21.1, 47–59
A measure of humanity, *Magda Cordell McHale* with *Peggy Choong*, 21.1, 91–93
Memo for system-reforming rulers, *Yehezkel Dror*, 21.4, 334–343
Military technological innovation and stability, *Stuart Croft*, 21.5, 466–479
Multi-culturalism in a global village: what Japan can learn from the American experience (Highlight on culture), *Arifin Bey*, 21.4, 366–370
Mutual development: towards new criteria and indicators, *Hazel Henderson*, 21.6, 571–584
New approaches to international economic problems: using cultural and social characteristics, *Magoroh Maruyama* (Essay), 21.3, 291–293
The new frontier: intelligent architecture through intelligent design, *Walter M. Kroner*, 21.4, 319–333
The paradox of development in the Middle East, *Abdul Aziz Said*, 21.6, 619–627
The partnership society: personal practice, *David Loye*, 21.1, 19–23
The partnership society: social vision, *Riane Eisler*, 21.1, 13–18
The philosophy of instability (Essay), *Ilya Prigogine*, 21.4, 396–400
The planners' world (And that was the future. . .), *Peter Hall*, 21.5, 498–507
Predicting the naval future: the UK experience (And that was the future. . .), *Eric J. Grove*, 21.2, 169–183

Butterworth Scientific Ltd, PO Box 63, Guildford, Surrey GU2 5BH, UK

Principles of humanistic enterprise in Japan: a new economic system of the future, *Chiaki Nakano*, 21.6, 640–646
Probing beneath the surface: review of a decade's futures work, *Richard A. Slaughter*, 21.5, 447–465
Scanning the future view (Report), *Peter H. Moll*, 21.5, 517–519
Science in Canada: towards an innovation policy framework (Report), *John de la Mothe* and *Louis Marc Ducharme*, 21.2, 203–206
Strategies for regulating the global economy, *Stuart A. Umpleby*, 21.6, 585–592
Surveying the social implications of information technology, *Howard Rush* and *Ian Miles*, 21.3, 249–262
Telecommunications: from future-determined to future-determining (And that was the future. . .), *Henry M. Boettinger*, 21.3, 277–290
Towards a renewed humanism (Editor's introduction) *Magda McHale* with *Peggy Choong*, 21.1, 3–5
Towards holistic human relationships, *Hazel Henderson*, 21.1, 6–12
Trade, autonomy and *perestroika* (Conference report), *Michael Clark*, 21.6, 659–661
The UK pragmatic approach towards international trading of science and technology (Report), *R. Magnaval* and *P. Bye*, 21.5, 514–516
A unified planet suddenly seems possible (Editor's introduction), *William. E. Halal*, 21.6, 555–562
Ups and downs—the long wave debate (Conference report), *Bart Verspagen*, 21.3, 295–297
West Germany: a paradoxical power, *Michel Godet*, 21.4, 344–360
What do 'You' do when your robot bows, as your clone enters holographic TV? (Highlight on culture), *Jim Dator*, 21.4, 361–365
What *is* a woman, today? *Perdita Huston*, 21.1, 38–46
Women and AIDS: an international perspective, *Beth E. Schneider*, 21.1, 72–90
Women and the young in perspective, *Eleonora Barbieri Masini*, 21.1, 60–65

Authors

J. A. Alexander: see *G. J. Smith* et al
Alison Adam: see *Margaret Bruce*
J. A. Alic: see *G. J. Smith* et al
Wendell Bell and *Jeffrey K. Olick*, An epistemology for the futures field: problems and possibilities of prediction, 21.2, 115–135
Arifin Bey, Multi-culturalism in a global village: what Japan can learn from the American experience (Highlight on culture), 21.4, 366–370
Margaret Bruce and *Alison Adam*, Expert systems and women's lives: a technology assessment, 21.5, 480–497
A. B. Buyrn: see *G. J. Smith* et al
P. Bye: see *R. Magnaval*
Henry M. Boettinger, Telecommunications: from future-determined to future-determining (And that was the future. . .), 21.3, 277–290
Peggy Choong: see *Magda Cordell McHale*
Michael Clark, Trade, autonomy and *perestroika* (Conference report), 21.6, 659–661
I. F. Clarke, Futures, futuribles, previsions, *Prognosen* (And that was the future. . .), 21.4, 378–389
Harlan Cleveland, The future of futurists: what matters and what works (Essay), 21.4, 390–396
Harlan Cleveland, Information, fairness and the status of women, 21.1, 33–37
David Collingridge, Making the impossible possible: IIASA 15 years on (Report), 21.2, 201–203
Stuart Croft, Military technology innovation and stability, 21.5, 466–479
Michael Cross, Japan's fifth generation computer project: successes and failures (Report), 21.4, 401–403
Jim Dator, What do 'You' do when your robot bows, as your clone enters holographic TV? (Highlight on culture), 21.4, 361–365
Yehezkel Dror, Memo for system-reforming rulers, 21.4, 334–343
Louis Marc Ducharme: see *John de la Mothe*
Riane Eisler, The partnership society: social vision, 21.1, 13–18
Fan Kai Bin and *Wang Xin Hua*, China's economic reforms and the global economy, 21.6, 628–631
Richard Florida: see *Martin Kenney*
Michel Godet, Europe 1992: the dream and the reality (Viewpoint), 21.2, 183–187
Michel Godet, West Germany: a paradoxical power, 21.4, 344–360
Eric J. Grove, Predicting the naval future: the UK experience (And that was the future. . .), 21.2, 169–183
William E. Halal, Confessions of a corporate revolutionary (Viewpoint), 21.2, 188–198
William E. Halal, A unified planet suddenly seems possible (Editor's introduction), 21.6, 555–562
Peter Hall, The planners' world (And that was the future. . .), 21.5, 498–507
Robert D. Hamrin, Ethical economics: a new paradigm for global justice and stewardship, 21.6, 608–618
Hazel Henderson, Mutual development: towards new criteria and indicators, 21.6, 571–584
Hazel Henderson, Towards holistic human relationships, 21.1, 6–12
Perdita Huston, What *is* a woman, today? 21.1, 38–46
Janice Jones, How women may shape the future (Conference report), 21.1, 97–99
Hugues de Jouvenel, Europe's ageing popula-

tion: trends and challenges to 2025, 21.3 (Supplement), S1–S54
Martin Kenney and *Richard Florida*, Japan's role in a post-Fordist age, 21.2, 136–151
Walter M. Kroner, The new frontier: intelligent architecture through intelligent design, 21.4, 319–333
David Loye, The partnership society: personal practice, 21.1, 19–23
Mochtar Lubis, In praise of women and sufferings, 21.1, 66–71
Magda Cordell McHale with *Peggy Choong*, A measure of humanity, 21.1, 91–93
Magda McHale with *Peggy Choong*, Towards a renewed humanism (Editor's introduction), 21.1, 3–5
R. Magnaval and *P. Bye*, The UK pragmatic approach towards international trading of science and technology (Report), 21.5, 514–516
Michael Marien, Driving forces and barriers to a sustainable global economy, 21.6, 563–570
Magoroh Maruyama, New approaches to international economic problems: using cultural and social characteristics (Essay), 21.3, 291–293
Eleonora Barbieri Masini, The future of futures conferences (Letter to the editor), 21.3, 293–295
Eleonora Barbieri Masini, The future of futures studies: a European view, 21.2, 152–160
Eleonora Barbieri Masini, Women and the young in perspective, 21.1, 60–65
Tamas Meszaros, Changes in economic management systems in Hungary and other East European countries, 21.6, 632–639
Ian Miles: see *Howard Rush*
Ian Miles, Masculinity and its discontents, 21.1, 47–59
Peter H. Moll, Scanning the future view (Report), 21.5, 517–519
John de la Mothe and *Louis Marc Ducharme*, Science in Canada: towards an innovation policy framework (Report), 21.2, 203–206
Chiaki Nakano, Principles of humanistic enterprise in Japan: a new economic system of the future, 21.6, 640–646
Anthony Newstead, Future information cities: Japan's vision, 21.3, 263–276
Jeffrey K. Olick: see *Wendell Bell*
Ilya Prigogine, The philosophy of instability (Essay), 21.4, 396–400
Qin Linzheng, The futures of development (Conference report), 21.1, 94–97
Howard Rush and *Ian Miles*, Surveying the social implications of information technology, 21.3, 249–262
Francisco R. Sagasti, Crisis and challenge: science and technology in the future of Latin America, 21.2, 161–168
Pamela Sargent, The human shore (Short story), 21.1, 24–32
Abdul Aziz Said, The paradox of development in the Middle East, 21.6, 619–627
Turid Sato, Accountability and the debt crisis, 21.6, 593–607
Bertrand Schneider, Creative instability: source of inspiration for a new world (Report), 21.2, 199–200
Beth E. Schneider, Women and AIDS: an international perspective, 21.1, 72–90
Satish C. Seth, Futures consciousness: technology–society nexus and varying perceptions of the future (Essay), 21.5, 508–513
Richard A. Slaughter, Probing beneath the surface: review of a decade's futures work, 21.5, 447–465
G. J. Smith, *J. A. Alexander*, *A. B. Buyrn* and *J. A. Alic*, High temperature superconductivity: prospects and policies, 21.3, 235–248
Richard J. Smith, The future of Chinese culture, 21.5, 431–446
Bart van Steenbergen, Influence of the East on the cultural renewal of the West (Highlight on culture), 21.4, 371–377
Allen Tough, The future of futures conferences (Letter to the editor), 21.3, 293–295
Stuart A. Umpleby, Strategies for regulating the global economy, 21.6, 585–592
Bart Verspagen, Ups and downs—the long wave debate (Conference report), 21.3, 295–297
Wang Xin Hua, see *Fang Kai Bin*
Stanley R. J. Woodell, Forecasting our environmental future (And that was the future. . .), 21.6, 647–658

Books reviewed (author, title, reviewer)

Applied Futures, *The Future of the UK: 2010*, Trevor Williams, with a response by Applied Futures, 21.5, 519–524
Elise Boulding, *Building a Global Civic Culture: Education for an Interdependent World*, Eleonora Barbieri Masini, 21.4, 412–413
Lester R. Brown *et al*, *State of the World 1989*, Tom Lucas, 21.6, 664–666
S. C. Dube, *Modernization and Development: the search for Alternative Paradigms*, Denis Goulet, 21.6, 674–676
Paul R. Ehrlich and John P. Holdren (editors), *The Cassandra Conference: Resources and the Human Predicament*, Michael Redclift, 21.6, 671–673
H.-J. Ewers, J. B. Goddard and H. Matzerath (editors), *The Future of the Metropolis—Berlin, London, Paris, New York: Economic Aspects*, David Banister, 21.2, 210–212
Tom Forester (editor), *The Materials Revolution: Superconductors, New Materials and the Japanese Challenge*, David Dew-Hughes, 21.4, 415–417
Johan Galtung, *Methodology and Development. Essays in Development, Volume 3*,

Ana Maria Sandi, 21.5, 539–542
Johan Galtung, *Transarmament and the Cold War: Peace Research and the Peace Movement. Essays in Peace Research Volume VI*, Chadwick F. Alger, 21.5, 534–536
J. Goldstein, *Long Cycles: Prosperity and War in the Modern Age*, J. S. Levy, 21.1, 206–208
Marshall I. Goldman, *Gorbachev's Challenge: Economic Reform in the Age of High Technology*, Abel Aganbegyan, 21.6, 661–664
Klaus Gottstein (editor), *Islamic Cultural Identity and Scientific–Technological Development*, Jerome R. Ravetz, 21.5, 525–527
M. J. D. Hopkins (editor), *Employment Forecasting: the Employment Problem in Industrialised Countries*, Amin Rajan, 21.3, 297–298
John Huddleston, *Achieving Peace by the Year 2000*, Bruce Kent, 21.2, 208–210
IMEDE and the World Economic Forum, *The World Competitiveness Report*, Ian Riley, 21.6, 668–671
Independent Commission on International Humanitarian Issues, *Winning the Human Race?* Hasan Ozbekhan, 21.4, 406–407
André Jardin, *Tocqueville: a Biography*, I. F. Clarke, 21.5, 536–539
Alice Jardine and Paul Smith (editors), *Men in Feminism*, Phil Powrie, 21.1, 105–107
Kari Kairamo (editor), *Education for Life: a European Strategy*, Pierre Godet, 21.5, 527–529
Ervin Laszlo, *The Inner Limits of Mankind: Heretical Reflections on Today's Values, Culture and Politics*, Elise Boulding, 21.6, 673–674
R. D. Lee, W. B. Arthur and G. Rodgers (editors), *Economics of Changing Age Distributions in Developed Countries*, Jack Parsons, 21.4, 408–410
Maureen McNeil (editor), *Gender and Expertise*, Carole Truman, 21.1, 104–105
Ian Miles, Howard Rush, Kevin Turner and John Bessant, *Information Horizons: the Long-Term Social Implications of New Information Technologies*, Walter S. Baer, 21.3, 304–305
Gareth Morgan, *Riding the Waves of Change: Developing Managerial Competencies for a Turbulent World*, Trevor Williams, 21.3, 302–304
Tessa Morris-Suzuki, *Beyond Computopia: Information, Automation and Democracy in Japan*, Ian Miles, 21.5, 529–534
Abdullah Omar Naseef (editor), *Today's Problems, Tomorrow's Solutions: the Future Structure of Muslim Societies*, Jerome R. Ravetz, 21.5, 525–527
NIRA, *Agenda for Japan in the 1990s*, P. N. Giraud, 21.2, 220–221
OECD, *Interdependence and Cooperation in Tomorrow's World*, William E. Halal, 21.3, 300–302
Robert Ornstein and David Sobel, *The Healing Brain*, Patrick C. Pietroni, 21.4, 414–415
Edgar Owen, *The Future of Freedom in the Developing World: Economic Development as Political Reform*, Ziauddin Sardar, 21.6, 666–668
John Palmer, *Europe Without America? The Crisis in Atlantic Relations*, Michael Smith, 21.2, 216–218
Jon L. Pierce and John W. Newstrom (editors), *The Manager's Bookshelf: a Mosaic of Contemporary Views*, Trevor Williams, 21.4, 410–412
Research and Information Systems for the Non-Aligned and Other Developing Countries, *African Economic Development: an Agenda for Future*, D. J. Shaw, 21.2, 212–214
J. P. Ross and A. Sicinski (editors), *Ways of Life in Finland and Poland: Comparative Studies on Urban Populations*, Eleonora Masini, 21.3, 307–308
Joan Rothschild, *Teaching Technology from a Feminist Perspective: a Practical Guide*, Margaret Bruce, 21.1, 108–110
Steven M. Shaker and Alan R. Wise, *War without Men: Robots on the Future Battlefield*, Hugh Beach, 21.3, 298–300
Hisham Sharabi (editor), *The Next Arab Decade: Alternative Futures*, Jerome R. Ravetz, 21.5, 525–527
Stephen Shenfield, *The Nuclear Predicament: Explorations in Soviet Ideology*, Roy Allison, 21.3, 308–310
Jennifer Daryl Slack and Fred Fejes (editors), *The Ideology of the Information Age*, Ian Miles, 21.4, 404–406
Patricia Spallone and Deborah Lynne Steinberg (editors), *Made to Order: the Myth of Reproductive and Genetic Progress*, Mary Warnock, 21.1, 99–101
Michelle Stanworth (editor), *Reproductive Technologies: Gender, Motherhood and Medicine*, Mary Warnock, 21.1, 99–101
Sheri S. Tepper, *The Gate to Women's Country*, Dennis Livingston, 21.1, 107–108
Colin Tudge, *Food Crops for the Future*, Tilo Ulbricht, 21.2, 214–216
George Turner, *Drowning Towers*, Dennis Livingston, 21.3, 306–307
UN Economic Commission for Europe, *Overall Economic Perspective to the Year 2000*, Ian Riley, 2.6, 668–671
Tibor Vasko (editor), *The Long Wave Debate*, Ian Miles, 21.4, 404–406
Frank White, *The Overview Effect: Space Exploration and Human Evolution*, Stephen J. Pyne, 21.2, 218–219
Anthony Wilden, *Man and Woman, War and Peace*, Frances Brown, 21.1, 102–104,